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# CANADA CERTIFIED SEED POTATOES

*the better seed for better crops*





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# CANADA CERTIFIED SEED POTATOES

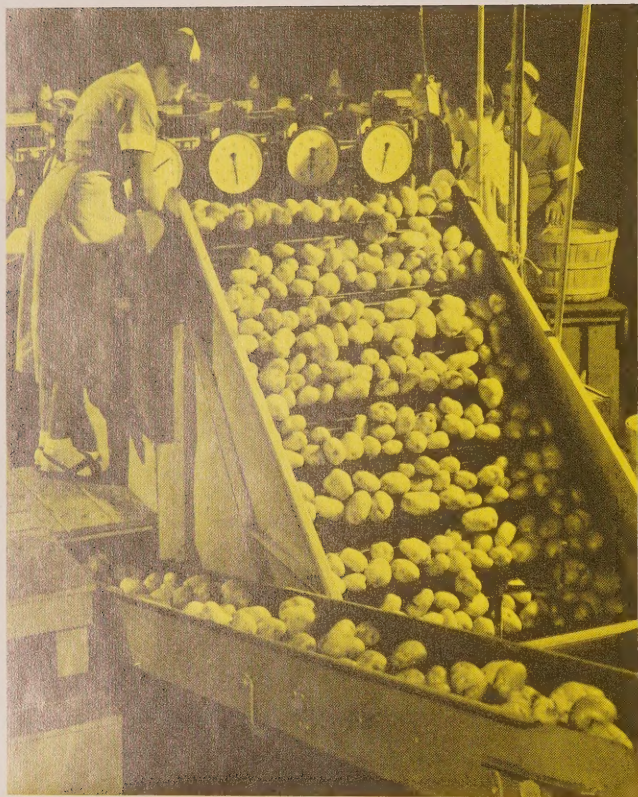
*the better seed for better crops*



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## **CANADA CERTIFIED SEED POTATOES**

### ***THE BETTER SEED FOR BETTER CROPS***

*For more than 50 years Canada has exported seed potatoes to countries in many parts of the world. This wide and continued acceptance of Canada Certified Seed Potatoes demonstrates grower satisfaction and grower success. Favourable potato growing conditions in Canada result in seed potatoes which are vigorous in growth, disease resistant and produce high yields of uniform, marketable potatoes.*

*Canada produces a wide variety of field-proven seed potatoes all developed by years of selective plant breeding and testing. This extensive variety choice enables growers to choose a variety adaptable to local growing conditions and assure a maximum yield potential.*

*A strict and impartial inspection program administered by the Canada Department of Agriculture is applied to all potatoes grown for seed in Canada. This program covers all aspects of seeding, growing, harvesting, storing and packing. Each container of Canada Certified Seed Potatoes is individually tagged by Government inspectors showing variety, size, certification number and date of inspection. This is certification that these seed potatoes have met the requirements of rigid quality standards — standards that have been rated the highest in the world.*

*Buyers of Canada Certified Seed Potatoes are satisfied customers — ask your Canadian Trade Commissioner to help you buy The Better Seed for a Better Crop.*



# CANADA — SEED POTATO PRODUCTION (metric tons)

(1 metric ton = 2205 lbs.)

MAIN VARIETIES	1961	1962	1963	1964
SEBAGO	159,048	139,083	132,929	127,031
KENNEBEC	56,274	98,796	119,379	125,192
NETTED GEM — (RUSSET BURBANK)	28,736	39,043	47,218	53,046
KATAHDIN	44,385	49,725	49,028	49,485
RED PONTIAC	20,975	31,816	28,256	22,750
IRISH COBBLER	14,065	11,181	9,403	15,832
GREEN MOUNTAIN	16,240	11,445	13,017	14,266
NORLAND	2,644	4,746	3,765	6,717
KESWICK	5,660	5,156	4,282	4,780
HUNTER	172	1,479	3,997	4,774
CHEROKEE	3,141	3,725	2,598	3,083
WARBA	1,847	1,580	1,639	1,595
AVON	741	777	801	1,105
FUNDY	4,383	1,002	720	1,007
PUNGO	—	—	183	498
CHIPPEWA	1,201	652	603	435
WHITE ROSE	431	464	338	349
WASECA	514	611	268	299
ALL OTHERS	2,576	2,147	1,280	1,182
<b>TOTAL</b>	<b>363,033</b>	<b>403,428</b>	<b>419,704</b>	<b>433,426</b>

## Area harvested in seed potatoes

All Canada (acres)	51,812	48,839	55,607	52,931
(hectares)	20,977	19,773	22,513	21,430

## VARIETIES OF CANADA CERTIFIED SEED POTATOES



### SEBAGO

#### Maturity

Late season

#### Tubers

White skin

White flesh

Round to elliptical

Shallow eyes

#### Yield

High

#### Disease resistance

Tubers moderately resistant to late blight



### KENNEBEC

#### Maturity

Late season

#### Tubers

White skin

White flesh

Elliptical to oblong

Shallow eyes

#### Yield

High

#### Disease resistance

Moderate to high resistance to late blight



## NETTED GEM (RUSSET BURBANK)

### Maturity

Late season

### Tubers

White skin (russet)

White flesh

Long, cylindrical

Shallow eyes

### Yield

Medium high

## KATAHDIN

### Maturity

Mid-season to late

### Tubers

White skin

White flesh

Shallow eyes

Elliptical to round

### Yield

High







## RED PONTIAC

### Maturity

Mid-season

### Tubers

Red skin

White flesh

Oblong to round

Shallow to medium eyes

### Yield

High

## IRISH COBBLER

### Maturity

Early season

### Tubers

White skin

White flesh

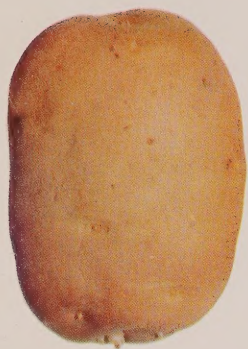
Oblong to round

Medium to deep eyes

### Yield

Medium high





## GREEN MOUNTAIN

### Maturity

Late season

### Tubers

White skin

White flesh

Oblong to long

Medium deep eyes

### Yield

High

## NORLAND

### Maturity

Mid-season

### Tubers

Red skin

White flesh

Shallow eyes

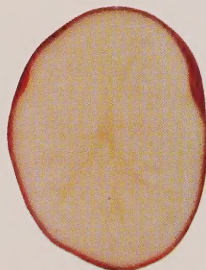
Oblong

### Yield

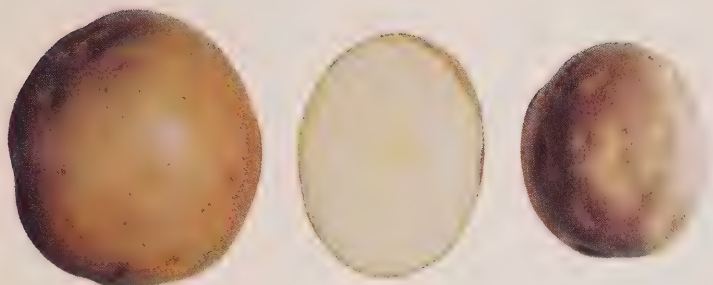
High

### Disease resistance

Moderate resistance to common scab







## KESWICK

### Maturity

Early

### Tubers

White skin

White flesh

Oblong

Medium deep eyes

### Yield

High

### Disease resistance

Field immune to Solanum Virus 4;  
moderate resistance to late blight



## HUNTER

### Maturity

Mid-season to late

### Tubers

White skin

White flesh

Elliptical

Shallow eyes

### Yield

High

### Disease resistance

Field immune to virus X and A; moderate resistance to late blight; high resistance to Fusarium tuber rot



## CHEROKEE

### Maturity

Medium early

### Tubers

White skin

White flesh

Elliptical

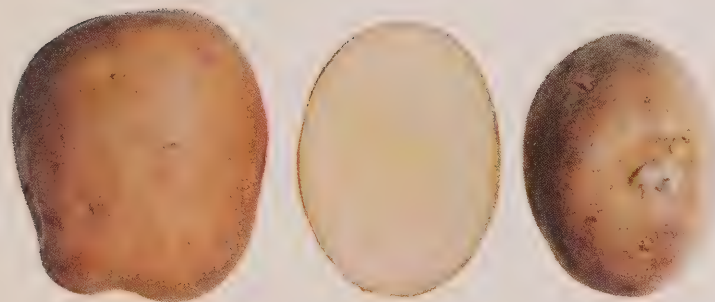
Medium shallow eyes

### Yield

High

### Disease resistance

High resistance to common scab



## SABLE

### Maturity

Early

### Tubers

White skin

White flesh

Shallow eyes

### Yield

High

### Disease resistance

Moderate resistance to common scab;  
some late blight resistance



**AVON****Maturity**

Mid-season

**Tubers**

White skin

White flesh

Oblong

Medium deep eyes

**Yield**

High

**Disease resistance**Moderate resistance to late blight;  
high resistance to common scab**FUNDY****Maturity**

Early to mid-season

**Tubers**

White skin

White flesh

Elliptical

Shallow eyes

**Yield**

High

**Disease resistance**

Moderate resistance to late blight

**CHIPPEWA****Maturity**

Mid-season

**Tubers**

White skin

White flesh

Shallow eyes

Oblong

**Yield**

High

**WHITE ROSE****Maturity**

Early to mid-season

**Tubers**

White, smooth skin

Long, elliptical, irregular

Medium deep eyes

**Yield**

High

**Other Varieties available in limited quantities**

Warba

Waseca

Pontiac

McIntyre

Bliss Triumph

Huron

Early Ohio

Manota

Canus

Earlaine

Sequoia

Chinook

Pungo

Epicure

Early Rose

Arran Victory

Red Warba

Teton

Columbia Russet

Gold Coin

Dooley (Rural New Yorker)

Russet Rural

White Bliss

## SEED POTATO CERTIFICATION IN CANADA

Seed potato certification in Canada began in 1916 in the Provinces of Prince Edward Island and New Brunswick. By 1924 every province in Canada was producing seed potatoes under official standards and inspection.

Approximately 65,000 acres of seed potatoes are inspected annually in Canada for certification. Production of certified seed from this acreage is nine million hundredweight. Nearly 80 per cent of the total production is centered in the Provinces of New Brunswick and Prince Edward Island.

Seed potato certification in Canada is a responsibility of the Plant Protection Division, a Federal Government agency. The standards for seed potato certification are, therefore, uniform throughout Canada.

Regulations provide for a minimum of two field inspections of all seed potatoes during the growing season and inspections at harvest and while in storage. If seed potatoes are to be exported, further inspections are made when the tubers are graded and finally at dockside prior to shipping. Tubers must meet the required standards in all six inspections in order to be labelled "Canada Certified Seed Potatoes".

Several important diseases and insects which affect potato growing in many countries are not found in Canada. The potato wart disease and golden nematode are found only in the Province of Newfoundland, from which province the movement of potatoes is prohibited. Southern bacterial wilt (brown rot) does not occur in Canada and the potato tuber moth has never become established.

New insecticides have been so effective against the Colorado potato beetle that it is seldom found in commercial potato fields and this insect has never been found in tubers packaged after November 15. Because of these facts Canada is able to certify its seed potatoes free of the aforementioned diseases and insects.



## **VOLUME EXPORTS DEMONSTRATE CUSTOMER SATISFACTION**

Canada is traditionally an exporter of certified seed potatoes. Export shipments were first made in 1914 to Bermuda and several states in the United States. Since then, Canada Certified Seed Potatoes have successfully proved their adaptability to a wide variety of growing conditions and have been exported extensively to the United States, South America and to countries in Europe and other parts of the world.

Canada Certified Seed Potatoes are shipped in three types of containers, burlap sacks, wooden crates and barrels. When ordering, the type of container desired may be specified.

Canadian exporters are thoroughly experienced in assembling, packing and shipping seed potatoes. This experience helps to further ensure that Canada Certified Seed Potatoes arrive at destination in the best possible condition.

### **DOLLAR VALUE OF CANADA CERTIFIED SEED POTATO EXPORTS**

<b>YEAR</b>	<b>DOLLARS</b>
1959 — 1960	3,815,900
1960 — 1961	4,006,800
1961 — 1962	3,858,700
1962 — 1963	5,846,500
1963 — 1964	5,101,000

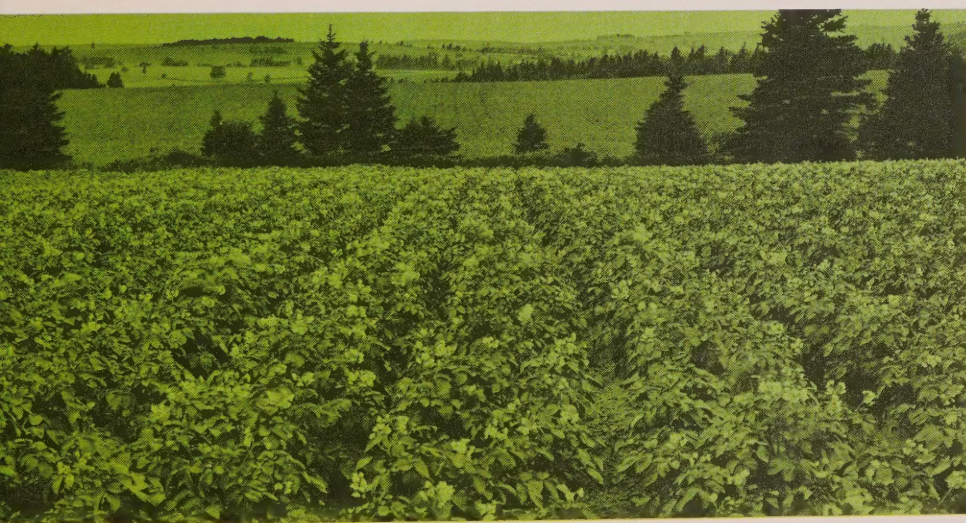
# CANADA — CERTIFIED SEED POTATO EXPORTS (metric tons)

Crop year: July - June

1 metric ton — 2205 lbs.

	1959-60	1960-61	1961-62	1962-63	1963-64
U.S.A.	28,705.2	28,673.7	25,857.1	26,006.3	34,798.7
Bermuda	311.2	269.1	244.7	236.4	330.2
Puerto Rico	—	—	—	2,082.4	313.4
Bahamas	—	4.5	6.8	—	38.5
Cuba	4,369.4	11,286.8	11,344.3	12,244.9	12,455.6
Jamaica	1,225.1	2,185.3	2,729.4	1,830.6	1,178.8
Dominican Republic	434.4	424.5	462.4	1,338.5	1,215.3
Barbados	—	—	—	45.4	—
Trinidad	—	59.9	43.7	154.6	355.1
Leeward-Windward Islands	2.4	2.6	19.6	—	1.5
St. Pierre	—	—	—	—	10.2
Netherlands Antilles	—	2.9	2.4	—	—
Panama	99.5	207.0	185.6	241.5	305.9
Costa Rica	9.1	—	—	—	—
Guatemala	—	8.9	22.4	23.0	7.8
British Guiana	—	—	—	—	4.5
Venezuela	12,069.0	9,970.2	14,232.3	11,886.3	12,871.2
Uruguay	8,565.8	7,534.1	8,296.0	14,707.0	16,800.7
Argentina	—	—	549.9	29,737.8	10,586.4
Philippines	—	—	—	—	35.7
Greece	3,383.0	2,972.0	5,309.6	12,687.0	8,805.6
Italy	—	199.5	7,214.7	2,819.3	2,540.5
Holland	—	70.3	23.6	—	—
Belgium	—	—	48.2	—	—
Fiji	—	—	13.6	—	—
South Africa	121.7	111.2	218.6	191.7	229.8
<b>TOTAL</b>	<b>59,295.8</b>	<b>63,982.5</b>	<b>76,824.9</b>	<b>116,232.7</b>	<b>102,885.4</b>







## **THE BETTER SEED FOR BETTER CROPS**

Canadian agricultural scientists are continually working in laboratory and field to develop new varieties and improve the already high quality of Canada Certified Seed Potatoes.

Canada offers buyers a wide range of thoroughly tested, field-proven certified seed potatoes. Some varieties have been developed for specific growing conditions, others for resistance to certain diseases. This extensive choice affords opportunity to increase yields by selecting varieties best suited to local conditions. All varieties are renowned for high yields of clean, smooth potatoes of consistent uniformity and quality. Study the characteristics of the varieties of Canada Certified Seed Potatoes — make a choice — be assured of quality.





**For further information  
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the Canadian Trade Commissioner  
at this address**

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